

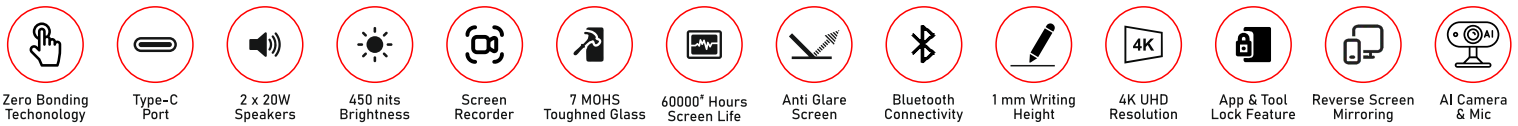
TrueBoard 65 inch (4GB/32GB) With Built-In AI Camera T29898-A

FEATURES



- Ultra Resolution Output.
- Zero bonding technology for natural writing experience.
- Front audio stereophonic speakers.
- Industrial grade aluminium frame.
- Multiple signal input HDMI, SPDIF, RS232, AV I/O, Earphone.
- Infrared touch technology for rich writing experience.
- Password Lock protected.
- 450 cd/m² ± 5% high brightness.
- Built in Android OS with optional windows 10 OS.
- 4mm protect and anti-scratch glass.
- 20 Point Touch. ≤5ms response.

Android 13



DISPLAY

Screen Size	65"
Resolution	3840 x 2160
Bonding Technology	Zero Bonding
Display Orientation	Landscape
Screen Type	TFT LCD (Direct-LED Backlight)
Blue Light Reduction	Yes
Pixel Pitch	0.372(W) x 0.372(H)
Aspect Ratio	16:9
Display Area	1429 mm (W) x 804 mm (H) (56.3 x 31.7 in)
LCD Viewing Angle	178° H/V
Response	8ms
Refresh Rate	60Hz
LED Lifespan	60,000* Hours
Contrast Ratio	5000:1 Dynamic, 1200:1 Static
Brightness	450 cd/m ² (±5%)
Glass Hardness	9H (Pencil), 7 (Mohs)
Glass Type	Heat tempered, Anti-Glare

TOUCH FEATURES

Touch Type	Infrared touch, 20 points touch (Android), 40 points (Windows)
Response Time	≤5ms
Touch Object	All Opaque object, such as Finger, pen etc.

Touch Resolution	32768 x 32768 px
Touch Accuracy	1mm
Tracking Rate	4m/s
Scan Rate	200Hz

COMPUTING

Operating System	Andriod 13
RAM	4GB
Internal Storage	32GB
CPU	Amlogic T982, Quad Core ARM Cortex-A55 CPU, 1.9 GHz
GPU	Mali-G52 MP2 (2EE)
UI Language	English, Hindi, Gujrati, Kannada, Telgu.
Video/Picture Decoding	<ul style="list-style-type: none"> - AV1 MP-10@L6.0/5.1 up to 8K x 4K @30fps or 4K x 2K @60fps - H.265 HEVC MP-10@L5.1 up to 8K x 4K@30fps or 4K x 2K@60fps - VP9 Profile 2 up to 8K x 4K@30fps or 4K x 2K@60fps - AVS2 MP up to 4K x 2K@60fps - H.264 AVC HP@L5.1 up to 4K x 2K@30fps - H.264 MVC up to 1080P@60fps - MPEG-4 ASP@L5 up to 1080P@60fps - WMV/VC-1 SP/MP/AP up to 1080P@60fps - AVS-P16(AVS+) /AVS-P2 JiZhun Profile up to 1080P@60fps - MPEG-2 MP/HL up to 1080P@60fps - MPEG-1 MP/HL up to 1080P@60fps - Multiple language and multiple format sub-title video support - MJPEG and JPEG unlimited pixel resolution decoding Supports JPEG thumbnail, scaling, rotation and transition effects - AVS-P16(AVS+) /AVS-P2 JiZhun Profile up to 1080P@60fps - Supports *.mkv, .wmv, .mpg, *.mpeg, *.dat, *.avi, *.mov, *.iso, *.mp4 and *.jpg file formats
Video/Picture Encoding	<ul style="list-style-type: none"> - Independent JPEG and H.264 encoder with configurable performance/bit-rate - JPEG image encoding - H.264 video encoding up to 1080P@30fps with low latency






SPEAKER

Dual Front-Facing Speakers	2 x 20W
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MICROPHONE

Microphone Type	Linear array microphone
Number of Digital Microphones	8
Noise Ratio	67db
Sensitivity	-26 ± 1db
Pickup Voice Distance	≤10meters
Sampling Rate	16KHz
Features	<ul style="list-style-type: none"> Echo Cancellation Sound source localization Sound Source tracking Reverberation removal Support for automatic gain

CAMERA

Optical Lens size	1/3.06" COMS Sensor
Resolution	48MP, 8000 x 6000 / 4160 x 3120 / 3840 x 2160 / 2560 x 1440 / 1920 x 1080 / 1280 x 720 / 1024 x 576 / 960 x 540 / 640 x 360
Pixel Dot	1.12μm*1.12μm
Video Compressed Format	MJPEG / YUV / H.264 / H.265
3D Noise Reduction	Support multi-level noise reduction
Shutter Type	Electronic Rolling shutter
Noise Ratio	≥39dB
Dynamic Range	≥45dB
Maximum Frame Rate	30FPS
View Angel	117°
Distort	≤6%
AEC / Gain / White Balance	Auto
Video Format	2160P, 1920P, 1080P, 720P, 480P etc.
Lens	2.8mm Fixed
Communication Type	UVC
Face Tracking	Real time intelligent tracking and detection of all faces within the visible range, and adjusting the view to maintain a centered display of people within the framework
Body Tracking	Real time intelligent tracking and detection of all human body within the visible range, and adjusting the view to maintain a centered display of people within the framework
Voice Tracking	Real time intelligent tracking and detection of speakers within the pickup range, and adjusting the view to keep the host centered display
Gesture	 ON  Enable Face and Body tracking  SSL  Enable voice tracking OFF  AI off
Note	Camera Resolution Max 13 Megapixel supported In Android & 48 Megapixel in Windows.

NETWORK

LAN In (RJ45)	10/100Mbps
Wake-on-LAN	Yes
Wi-Fi	IEEE802.11A/b/g/n/ac, 2.4G, 5G
Bluetooth	5.0

CONNECTIVITY

HDMI In (Rear)	2 x HDMI 2.0 version
Line in / Mic in (3.5mm)	1
Line Out / Earphone (3.5mm)	1
USB-B 3.0(Rear)	1
USB-B 2.0(Rear)	2
USB-A 2.0(Touch Out Rear)	1
Smart USB-B 3.0(Front)	3 (Both work on Android and OPS)
HDMI in (Front)	1 x HDMI 2.0 version
USB-C 2.0 (Type-C Front)	1 (Work as USB 2.0)
Light Sensor	Yes
NFC (Near-Field Communication)	Optional

PANEL MANAGEMENT

OTA	Yes
MDM (Multiple Display Management)	<ul style="list-style-type: none">• IFPD information (IFPD Location, IP, MAC, Operation System version, Specification etc.)• User management• IFPD Device management (Power on/off, Screen Lock, Sent Message, Program work flow, Setting Parameters, Install/Uninstall APK, Upgrade firmware etc)• Running log• Group management
Own APK Store Market	Manage private APK store market

PHYSICAL SPECIFICATIONS

Handle	2
Panel Net Weight (Kg)	36
Packed Weight (Kg)	42.5
Panel Dimensions (W x H x D) mm	1490.8mm x 921.5mm x 89.6mm
Packed Dimensions (W x H x D) mm	1610mm x 200mm x 1020mm
VESA Mount Point mm	400 x 300
Housing	3 Black 1 Silver

POWER

Power Requirements	100V ~ 240V AC, 50/60HZ
Energy Star power Consumption	≤145W (without OPS)
Power Consumptions (Standby)	≤0.5W
Ultra-Quiet Fanless Design	Yes

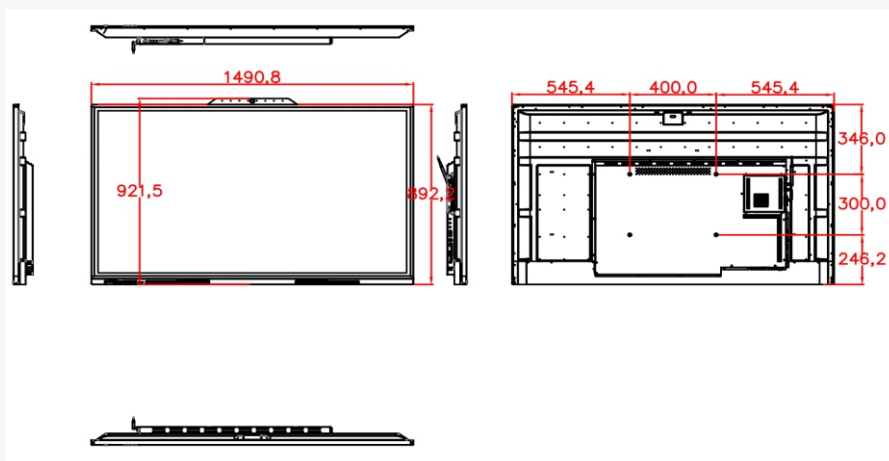
ENVIROMENTAL

Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-15° to 55°C (-5°F to 131°F)
Operating Humidity	20% to 80% non-condensing humidity
Storage Humidity	20% to 90% non-condensing humidity

PACKED CONTENTS

Kit	1*IFPD Panel, 1*Remote Controller, 1*Wall Mount Bracket, 2*Stylus, 1*Power Cable, 1*Touch Cable
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TECHNICAL DRAWING



* Note: Product specifications are subject to change without prior notice.